

This month we salute  
**US!**  
(see story below)

# FLORIDA skip

VOL. 15 NO. 7

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

DECEMBER / 1971

Price 20c

## TROPHY WINNERS

It's now official! We at SKIP are pleased to announce that the winners of the Florida Skip 1971 Field Day trophies are as follows:

Multi-transmitter class, W4IZ-4, North Florida

Amateur Radio Society of Jacksonville with 4258 points, Single-transmitter class, K4KE-4 Non-Club group with K4KE, K4EHY and WA4BGW operators of St. Petersburg collecting 2230 points.

A BIG congratulations to all hands.

As usual the Field Day and Florida QSO Party trophies will be presented to the winners at the main Sunday afternoon drawing of the Miami Tropical Hambooree ARRL SE Div. Convention. Don't miss it!

## Grand Jury vs. CB operators

(Editors note: By now most of you have heard or read the following A.P. release—for those who have not—read on. AC)

(Des Moines, Iowa)—A Federal Grand Jury has returned 112 indictments against 21 citizen band radio operators in 14 different violations of Federal Communications Commission (FCC) regulations.

U.S. Attorney Allen Donielson said it was the first time a Grand Jury anywhere in the Nation has indicted Citizens Band Radio Operators for alleged violations of the FCC rules.

The 21 persons indicted, all

members of a Citizen Band Radio operator club called "Apollo" were accused of making it impossible for legitimate users of Citizen Band radios to transmit message in the Des Moines area.

Donielson said the indictments climaxed a nearly eight month investigation by the FCC, the Grand Jury and his office. He said some of those

named in the warrants were licensed Citizens Band operators and some were not, and all the alleged violators were "using the Citizen Band like a ham radio operation."

Donielson said the law provides 14 different penalties for the violations ranging from two years imprisonment or a \$10,000 fine, or both, down to a \$500 fine.

## FLORIDA SKIP RECEIVES HIGHEST HONORS IN NATION WIDE CONTEST.

Once again Florida Skip ranked highest in the nation in the Amateur Radio News Service Publications contest in the Multiple A Class. Word reached the SKIP office recently listing the following awards:

Winner, overall category — FLORIDA SKIP.

General Format, 1st place — FLORIDA SKIP.

Page 1 or Cover, 1st place — FLORIDA SKIP.

Best Editorial, 1st place — FLORIDA SKIP.

Club Activity Coverage, 1st place — FLORIDA SKIP.

Club Member Contributions, 1st place — FLORIDA SKIP.

Technical Articles, 2nd Place — FLORIDA SKIP.

Photographic Process, 1st place — FLORIDA SKIP.

Needless to say, your Editor and Staff members are extremely happy with 7 first

places out of a possible 8.

Your Editor wants to make one thing perfectly clear—for without you, our correspondents, subscribers, advertisers, Joan, Doris and Dave of Simeox Associates FLORIDA SKIP would be nothing. Thanks folks. We hope you will continue to give us your support next year. AC

## Holiday Greetings



HOLMES COUNTY (W. FLA.) Fair was held Oct. 30th. E. C. WAIGTA (left) of Bonifay, Fla. watch W4LXX from Chipley pass fair traffic to W4IKB via 2 meter FM while WN4PJT holds up sign. PJT leader of the Holmes Co. 4-H radio club won the Blue Ribbon for most Original fair display. (Photo by W4IKB)

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12

Enclosed is \$2.00 for 1 year membership to Florida Skip.

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Deadline — 10th of month in Box 501, Miami Springs, Fla. 33166.

Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line.  
—Editor

OM, Nominate your XYL for our Skip Dear Mable Award. A most unusual award. Free to members. Give her full name, your call and mailing address. Editor.

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Photographer — W4RKB  
(West Florida)  
So. Miami, WB4JFA  
Gulfstream SARO, WB4CDL, W.P.B.

#### EX-CALLS

They keep coming. Have you sent yours? Editor.

K4EZE ex W1AQR  
K4ETS ex W1KGE  
K4EXF ex K9IJM  
K4CK ex W4MI  
K4KNE ex W2IBP  
K4IDQ ex W1UET, W1ZHD  
K4EZE ex W1AQR  
K4MQ ex W3OD  
K4VM ex WB4LSL

#### SILENT KEY

We are deeply sorry to report the passing of the following amateurs:

W4PIT-W1UA, Cap Hargrave, St. Claude.  
W4GUC, Hal C. Anderson, Boca Raton.  
W4IR, Ed Heisler, St. Petersburg.  
W4YQU, Richard J. Kreiselman, Miami.  
W4PT, Doc Barkley, St. Petersburg.  
W4YEN, Louis Simpson, Hialeah.



## Letters To Editor

Editor:

My pet peeve at present concerns VHF-FM activity in southeast U.S. A five second delay before transmitting to each QSO would allow time for any "priority or emergency" calls to get through.

Most hams will gladly relinquish the frequency for this type call if it were heard by them. After all, a five second delay on each of twelve transmissions would only consume only minutes and would most certainly be appreciated in the above cases.

73.

Herb Smith W4EZE ex W1AQR  
Deltora, Fla.

Editor:

If you want your QSL card to be noticed, try this thing. Take a glass 3 AG burnt out fuse, heat the caps with a soldering iron, remove all inside and wash with soapy water. Fill with colored or plain water, reinstall caps with liquid solder or glue. There will be a small bubble that will indicate as a spirit level.

Fasten to QSL card, with liquid solder, so that when on the wall of the radio shack it can be used to level framed license.

Dick Frederick, K4UGC  
460 N.W. 108 Terr.  
Miami, Florida 33166

Editor:

Since you have started a column headed "Phoney Phonetics," I have a couple of contributions I would like to add to those already on your "Horny Roll."

My call, W4DLL, lends itself well to "Four Dirty Little Ladies."

My son, who lives in Gainesville, Florida as K4VBY could be called "Very Bright Youngster," although, a few years ago when he was in high school, I called him "Very Bad Youngster." I can no longer call him by that moniker, since he is now a MA in Civil Engineering and working on his PhD.

Of course, when I lived in my native town of Jacksonville, there was the late Bill Butts, W4CGG, who called himself "Cute Giggling Girls."

Take your pick.  
Keep up with the good work with FLORIDA SKIP. We enjoy it very much.

73.

Harry A. Cole, W4OLJ.

Dear Andy:

Just to illustrate how effective "HAMBAR" is, I advertised a KWM-2 and 516F-2 (Collins transceiver and power supply) in the October HAMBAR. Received my first inquiry the day before

my issue was delivered to me (Incidentally, this chap purchased a Swan 500 from the same HAMBAR). Next inquiry was from Puerto Rico via landline and was a confirmed sale. You can't beat that for effectiveness... Thank you...

73

Paul Colby, W4VA  
Ormond Beach

Editor:

Did you know that there is a net that meets every Mon.-Wed.-Fri. from 9:00 to 10:00 a.m. on 7280 kh's. Well, there is and it is composed of a bunch of Chain Diggers from Long Island. They call themselves, Long Island Amateur Radio Society and for short they go under the (LIARS) Net.

This is their Call Letters.

W4GHR—BID  
W4YXA—Mac  
WB4SAR—Ernie  
K4GZ—Cal  
K4EPK—Henry  
K4V1—Walt  
W4KTE—Walt  
K4OC—Ray

K4ADG—Ed  
K4EC—Frank  
K4STN—Tony  
W4GPK—Harry  
K4QM—Ike  
W4DKJ—Art  
K4UAP—Erick  
W4DHS—Fred

Someday when I get their Ex-calls, will send them to you.

73, Fred, W4DHS, Tampa.

Editor:

Well, I heard it for the first time tonight. 160 meters. There were 3 nice readable signals around 1827 kHz.

Why don't some one come up with a good workable antenna for us guys with short city lots? With winter months ahead 160 should be a fine band for state coverage. I'll bet the old 10 meter band couldn't hold a candle to 160 round tables. The sooner the better I say. Any ideas?

73

Carrol Turner Jr., W4MML

Belle Glade, Fla.

(Editors note: I plan to be on 160 next month — c w only.)

Editor:

May I add my Phoney Phonetics to your list? My call, W4NSPA, my phonetics—Seminole Perfect Amateur.

Also, let me congratulate you and your staff on the P.B. job you do. Skip is well worth the \$2.00 price. Its solid gold!

73 and Merry Christmas!

Brent E. Williams  
12959 - 114th Ave N.  
Seminole, Fla. 32446

#### SAROC CONVENTION

SAROC fun convention, Flamingo Hotel, Las Vegas, Nevada, January 6-9, 1972. Group flight vacation plan, roundtrip via National Airlines, deluxe hotel room, dinner show, SAROC advance registration, cocktail parties, some meals, transportation to and from McCarran International Airport, Tax and Gratuity on all items listed. We need fifteen or more prepaid adult fares from each departure city to qualify for group rate. \$255.00 per person from Orlando or Tampa; \$265.00 per person from Miami, double occupancy in hotel room. \$20.00 per person additional for single occupancy in hotel room. Contact Mr. Ted Wayne, WB4CBP Miami or SAROC, Box 73 Boulder City, Nevada 89005 for complete details.



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## SOUTHEASTERN DIVISION CONVENTION NOTICES

### F.C.C. EXAMINATIONS

Anyone wishing to take their F.C.C. Examination for General Class or Advanced Class license during the Southeastern division Convention in Miami on January 22nd or 23rd should notify the F.C.C., Room 919, Federal Building, Miami, Florida 33130 before December 15, 1971. These examinations are scheduled as a convenience for those interested parties residing outside the Dade County area and cannot be conducted during the convention if response to this notice is apathetic. So, if you want those exams continued, please inform F.C.C.

## FLORIDA S.E.T. COMING

The next ARRL Simulated Emergency Test will take place January 29 and 30, 1972. This serious operating exercise tests both emergency preparedness on a community to community basis as well as long haul traffic facilities.

Every amateur should participate in the SET and help to justify the amateur service in terms of public interest convenience and necessity.

For further information contact your EC. If you don't know your EC, drop a line to your E or W. Fla. SEC listed on page 13 column 1. Full SET details will appear in the January issue of QST. Special EC instructions will be mailed next month.

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DR. JUAN B. FERNANDEZ, Colombian Minister of Communications (left) chats with Tony Correa HK3QB-4 of West Palm Beach. Tony a very active WPB Club member attended the Annual General Assembly of LCRA, Cartagena, Colombia, S.A. Oct. 9th. See Colombia at Threshold for details.

## FLORIDA ARRL SECTION RESTRUCTURING

A study is presently being made on possible restructuring of the present ARRL East and West sections to a proposed North and South.

The results of the recent director's Newsletter to the ARRL membership shows a preponderance of the members desire such a change.

It was also quite evident that their section was a mystery to many as approximately one-fourth did not know or marked their section erroneously. For the edification of those, you are in the West Florida section if you reside west of the Suwannee River. All others are in the East Florida section.

The West Florida section members voted 50 percent in opposition to any such change but East Florida section members greatly favored a re-division.

A committee comprised of W4ILE, Chairman, W4RHK, W4EYT, W4SMK, W4IKB, and W4EQU are being asked to study what the new section boundaries should be. I am sure they will be most receptive to any suggestions. 73, W4DQS

## IN CASE

You find any mistakes in this issue? Just remember that they were put there for a reason... We try to offer something for everyone and some people are always looking for mistakes.

## GOOD NEIGHBOR POLICY PROMOTED

By Clara B. Stables, WB4NXX

Two West Palm Beach Amateur Radio Club, Inc. members, E. Wayne Keelin, WB4PWF and Bill Sprague, WB4OLH, will visit Bogota, Colombia and four other leading cities from November 16-23 under the protective wings of Aerocondor Airlines and the Liga Colombiana de Radio Aficionados.

This unprecedented opportunity to visit our Latin-American neighbor and to become acquainted with his history and customs is being made possible through the efforts of Sr. Juan B. Fernandez, Colombian Minister of Communications and Antonio M. Correa, HK3QB-4, WP-BARC member and also member of Liga Colombiana.

The tour is expense-free to Wayne and Bill, costs to be borne by the airline and the Liga Colombiana.

Hail Colombia—Good Neighbor to the South!

## HELP NEEDED

The ARRL Intruder Watch has completed almost seven years of operation. This volunteer service has materially aided in having intruders removed from the amateur bands. Continuing vigilance and additional work are necessary.

The Intruder Watch welcomes additional volunteers

## VHF'ERS COLUMN

By Frank Shannon, K4GT

**ACHTUNG! ATTENTION!**—Especially those VHF'ers in Greater Miami area, plus others in deep southern Florida. Our Editor-Publisher, Andy, forwarded a letter from L. Charlie Bruggemann of Key West wherein he states "we are not dead way down here!" VHF'ers are requested to, on occasions, point their antenna's that direction! Charlie also states—"Miami Ole" Timers to take note that their old friend, WA4VNU, will soon return to the air on 6 and 2 meters, after years of QRT time. He adds that WB4KRD is on 6 meters AM. So, VHF'ers see what you can do for Charlie, WB4NVE.

**WELCOME!**—"Les" Krebs, WB4WNM, (ex-WA8UAR) just retired from Ohio State Highway Dept. and moved into new home in Valrico, just about 15 miles east of Tampa, and is an air with a Swan 250 (6 meters SSB & AM).

A hearty welcome to WA4FEO, Barney Register, St. Petersburg, on 2 mtrs FM. He is a WW2 disabled veteran and native Floridian. Barney has been in a wheel-chair for the past 29 years, due to being paralyzed from waist down—but with special hand-controls on his auto has been able to drive and haul a trailer on long trips—and has enjoyed QSO's on 2 mtr FM during these trips!

Another newcomer to 2 Mtr FM is WB4VLL, Richard Stickley, of El Jobean (near Englewood on West Coast). Dick is a retiree from police department. His cigar-box sized 2 mtr FM rig throws a full quieting signal into Tampa area—quite a stretch!! Another cigar-box 2 mtr FM (Gladding-Pierce-Simpson) owner, WB4TLF, Elwin Spears, of Ft. Myers is new to 2 mtr FM and recently obtained his gear from WA4ZRX, Don Mc Kenzie, St. Pete, who, in turn, purchased it from WB4CQU aka Newport-Richey! More to come in next SKIP!

with several years amateur experience and good receiving equipment who can spend at least two hours a week logging the calls of non-amateur stations in the amateur bands.

A particular need exists for RTTY operators with access to sophisticated gear. Volunteers please write Intruder Watch, ARRL, 225 Main Street, Newington, Connecticut 06111.



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## COUNTRY COUSINS NET, INC.

By Stan Offenhutner, K4BLM

The Country Cousins held their annual dinner and jamboree, November 24th, at the Tavares Civic Center. As usual, the food was excellent; there were many door prizes which were donated by the local merchants and we think this was a real fine gesture. Mr. Willie McCaig, Lake County Sheriff gave a most interesting talk on drug abuse, after which there was a question and answer forum. Roy, W4YVH and XYL, Mildred, invited the Cousins for Sunday breakfast, where we all enjoyed pancakes and sausages with all the trimmings including her delicious home baked sweet bread. A big beautiful meal to Mildred, a most gracious hostess, we all thank her again. Many thanks to WB4DRN, W4CPL, W4YVH and W4VTV for making this get-together possible. Our absent members missed out on the usual good time and socializing.

Wait, W4DCK, compiled a roster of the Country Cousins Net; if you did not receive a copy at the Jamboree, please let me know and I will mail one to you. Many thanks to Wait for a job well done.

We are anxious to hear from, or about, many of our members whom we have not heard from for some time. Please check in and be welcomed back into the fold. To our sick members, our good wishes for their health.

Welcome to our new Cousin, Bill, W4UGQ, nice having you with us.

A welcome to all to join us every night at 10 p.m. EST on 3570 kHz. A certificate is given by the Net. Please check in for particulars.

## WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

Pensacola: New loans include W4W0X and W4WQ8. K4DOT renewed 90; WB4JHJ was appointed OBS for 6m Net and QVS, K4DOT added an SR-208. A 6m

CW net is planned, to meet on Mondays at 8:00 PM CST. WB4KJJ got his 1st Phone ticket.

FL Walton: W4SMN is recovering from severe heart attack. K4CLM was appointed 90. WB4YUP got his 2-hand quad tuned up with aid of W3ZBW, WB4TPB and others. WB4WRT and W4YVZ-4 are new loans in town; WRT is Eagle, for local BC station. W4WKQ will winter in Ponla Gorda - if his toes hold together! W4FED QNT's the QFTN. WB4NHH is resuming his Drake JB.

Burlingay: W4LXK, W4AGTA, W4APJT and W4IKB manned a ham radio exhibit at the Holmes County Fair. Ham radio was also displayed this month at fairs in Panama City, Port Walton and Pensacola.

Panama City: Much of the fair traffic was handled on 3m RTTY by WB4GAG and W4WKB. WB4LEL and W4ADNC put the rest on QFN. W4IMC was appointed OBS for the Bay County area. K4FOJ is interested in satellite tracking and 430 MHz TV. K4VTV is soliciting QFN Mgr. jobs to WB4ONG this month.

Marianna: W4HPP is active again on 40 meters, and hopes to join WFPN.

Chapley: W4IKB made Honor Roll in last FMT.

Brownstown: EC WB4UQH took part in tri-county disaster drill.

## D.C.A.R.P.S.C.

By WB4LBB

The last meeting of the club found its members playing musical chairs to the famous tune "elections." We would like to thank the old officers for the past year of service, especially those who have stepped out of office entirely, such as W4ABY who has relocated and W4KQR who will be leaving for college before the end of the term. WB4LBB has stepped from president to corresponding secretary and K4FMA from vice president to president. In order the new officers are: K4FMA, president; WB4OYA, vice president; WB4ONR, recording secretary; WB4LBB,

corresponding sec.

Other activities planned by the corps are the active involvement with the V.A. Hospital station, and class at JGK Jr. High.

We hope to have some new information about club meetings in the next column as there is talk of putting more spice in the brew.

Public service—Try it, you'll like it.

## FLORADORA NEWS

By Charlotte Frazier, WB4PEL

I guess this is one of the last reminders of FLORADORA WEEK. Make a note on your calendar and be around all frequencies January 9th through 15th, 1972 to work for OUR certificate.

Hamlets bring about "eye-ball" QSOs every time. Tampa therefore was no exception. Talked to Shirley, W4WPD, and she is delighted to have her son stationed in Jacksonville. It is a lot closer than St. Thomas.

Lucille, W4KZT, reported she is closer to getting on the air. They were going to have some minor repairs and she hopes they will be in business real soon.

Alma, W4YNYX was so busy at her table we didn't get to talk but she had the Floradora Sign In Book displayed so we all could sign it. Thanks Alma.

Lee, K4WXS—hope you found that part you were looking for.

I would like to take this opportunity to wish everyone a very Happy Holiday Season. Make and keep all your New Year Resolutions. See you NEXT year!

## LAKE

## AMATEUR RADIO ASSN.

By Tiny Smith, W4BP

K. Dale Strieter, W4DQS, A.K.A. Southeastern Division Director, was the guest speaker at the regular October 28th meeting of the Lake Amateur Radio Assn. Inc. at their clubhouse near Leesburg. Director Strieter gave a most interesting illustrated talk on the 1969 DXpedition to

Maipuelo Island off the coast of Colombia in the Pacific, which was carried out with the cooperation of the Colombian Navy and the Colombian Radio Relay League.

The amateur personnel was about evenly divided between the U.S. and the Colombian group. Total time spent on Maipuelo was about 4 days with about 72 hours of operating time showing a total of over 2000 contacts for the two CW two writers and one phone station. Most of the CW operation was accomplished by W4DQS and ARRL President Robert W. Dorrison, W0DX. Hans all over the World would doubly appreciate their QSL cards from HKO if they could see the difficulties overcome by the members of the DXpedition in making a landing, (each less doing any operating, on this isolated bit of rock rising sheer from the open Pacific. During the landing attempt, two members were swept overboard from the landing craft and one seriously injured.

Following the DXpedition talk, the meeting was thrown open for questions from the audience and a discussion of the return from the recent membership poll of the 6,000 members of the Southeastern Division.

A full house heard Director Strieter, including a delegation from the Ocala Club. The Director was extended an invitation to address the Club next year, bringing with him the pictures of another of the several DXpeditions in which he has participated.

## WEST PALM BEACH

By Clara B. Stables, WB4NRR

We were honored October 20 by a visit from Andy Clark, W4TYT, Editor of Florida Skip. Despite a full-time job and a large family, Andy devotes untold hours toward making Skip the best publication of its kind in the Ham World. Gee, tant that good. Ed.)

WB4RRB, aided by WB4OUH, has just completed a dock at his residence on the shores of WPB Canal. But not for boats! For the installation of a 75 foot top-loaded tower for his 100 M antenna. His XYL and six assorted felines have taken residence apart and all of his neighbors have signed up for the CABLE TV.

Free code and theory classes leading to a Novice ticket start January 10, 1972 at 7:30 P.M. at the Clubhouse. All areas would-be hams are invited to attend.

Antonio M. Correa, HK3-QB-4, club member, and also member of Liga Colombiana de Radio Aficionados attended the annual General Assembly of this League October 9 at Cartagena, Colombia. Through the good offices of Sr. Juan B. Fernandez, Minister of Communications and Aeronautical Affairs, he secured free round-trip tickets for E. Wayne Keelin, WB4PWF and Bill Sprague, WB4OUH. They will leave Miami November 16 and return November 23 after visiting the main cities . . . Bogota, Barranquilla, Cali, Cargagena, and Medellin—being entertained en route by Colombian Amateurs.

## DELTONA NEWS

By Jack P. Six, W4YPA

I wish to thank Keith, G3DKS-W4, for writing last month's Deltona Ham news and ask for me on the local CD net and the State of Florida QCTWA net on Sundays along with the help from others in handling the net, W4CNY-K4HS and others.

My XYL and I had a wonderful trip and enjoyable time.



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Reports are that W3CCW, Eunice Thompson is or has moved to Kissimmee. Eunice along with W2AFZ, Della Parker, were the first YLs to receive the Fifty year award in ham radio.

W4MIEZ, Paul R. McElroy of Columbus, Ohio, has also purchased a home in Deltona and is planning on retiring here.

The Tampa hamfest turned out good, W4M, W4WVT, K4EZE and myself had a wonderful time. G4DKS and his XYL did a lot of hard shaking there.

Enjoyed the Gator QCWA lunch and was happy to get the good news that Barry Goldwater, K7UGA, is our QCWA President as well as our good friend Bob David, K4YK, a director of the QCWA.

That is all for now but may you have enough determination to make each day a better day than yesterday.

## SARASOTA AMATEUR RADIO ASSN.

By Cathy Soehl  
W4BAV-ARNS

The Sarasota Amateur Radio Club is holding classes to prepare those interested in getting their Amateur Radio License. Wednesday, 7:30 p.m. at the Ham Shack. At their last regular monthly meeting, an interesting and instructive talk by Horace Gordon, Instructor at the Vocational School, on "Transistors" was featured. Also W4DWD, Jules Bamberg and W4BCZ, Phil McMaisters, explained the operations of 2-meter FM, urging the hams to participate in the C.D. RACES program. Those interested in assisting the club in this program, contact W4BISZ, Jim Hall or any other member of the Sarasota Club.

W4WHF, Larry Loper, has been notified that he is President Emeritus and a Life Member of the Sarasota Amateur Radio Assoc., as voted by the Board of Directors in appreciation of his being a three time President. The many years work he did for the club and those he helped to get their licenses.

W4BISZ, Jim and Maude Hall, enjoyed a trip to visit friends in Montgomery, Ala.; also celebrated Maude's birthday. Another celebration on October 4th, was their 28th wedding anniversary.

W4PIB, Walter McLennan, is waiting for his Technician License, as he took the exam several weeks ago. No doubt, by the time you read this the N in his call will be replaced by a B. Congrats and good luck, Walter.

## ORLANDO ARC

By Herb, W4LSR

"Cap" Hargrave, W4PTT, became a Silent Key in October. He was fondly regarded by those who knew him. Dick Hogebro, W4SKC, has been gravely ill. Any encouraging news of him would be most welcome.

At our regular meeting in October Gene Jones, W4SQZ, was duly elected President to complete the term of Brownie, W4UUT, who resigned to accept a promotion and transfer to Miami.

Elmer and I attended the Tampa Hamfest where we "eyeballed" some of our fellow club members as well as some of our old friends from the southeast Florida area. Next stop Miami and then the biggest and better Orlando Hamfest in May.

Our club now owns a print of the movie "Harris Wide World." It will be shown at the November club meeting. Come see it. Also, it is available for showings to any other organizations or groups such as Scouts, Civic and fraternal groups etc. Make arrangements with these people and then contact Mandy, K4VFV, for final plans and dates.

## Members in the Move

Hal, K4GA, and XYL are away on a flying trip to the Buffalo and New England areas. Jess, W4CLJ, and XYL have gone to South Carolina for a few days. Nat, W4YSO, his XYL and travel trailer are back from the east Tennessee mountains

where they spent a cool summer. D.B., W4EZO, left on a trip through other Repeater areas. Cliff, W4CFA and Clarence, W4TVR, took their wives on a camping trip to Jonathan Dickinson Park near Jupiter. They then toured 900 miles of South Florida. Elmer, W4HFR, who only has one speed left, wants to trade his 10 speed bike. Any shiftless bikes up for swap?

## BROWARD A.R.C.

By Jim Wilson, W4GDN

Now well established in our new meeting place, Broward Club is making good progress. Our program about Laser Beams, put on by the Telephone Company, was very interesting and informative. Many more good programs are planned for the months ahead.

At the November meeting on the ninth, members were invited to bring any electronic equipment which had been personally made (NOT from a kit). Originality and workmanship were carefully considered. The judges were Orrin Bullis, Irv Weston and Floyd Landsey. Prizes were awarded to winner who were Club members.

For the top three winners there was a choice of either a new ARRL Handbook or a subscription to QST. All other Club member entries were awarded a new or renewal subscription to FLORIDA SKIP.

Following the exhibition of Homebrew gear there was an invitation for any floor nominations before holding the election of officers. A complete slate had been presented by the Nominating Committee at the October meeting.

The famous Auctioneers put on by Broward A.R.C. and the Hollywood A.R.C. will be held on March 11 at Chaminade H.S. in Hollywood. See our Ad in Florida Skip.

Our Christmas Party is shaping up nicely. Chairman Ruth Christian W4THED reminds us that it is to be held at

TROPICAL ACRES Steak House on West Griffin Road on Dec. 4. Happy Hour will start at 5 P.M. with a delicious filet mignon dinner at seven. The charge will be \$6.00 per person. Guests are welcome, so come and bring guests with you. Please send your reservations and checks to Broward A.R.C., P.O. Box 7583, Fort Lauderdale, Fla. 33310. Your tickets will be mailed to you. On the night of the party the Club officers for 1972 will be installed. This is also the time when the Broward Amateur of the Year Award is usually presented. Ruth promises some other surprises, so get your reservations in early.

We meet the second Wednesday of each month at 2020 S. Andrews Ave., Ft. Lauderdale.

## SUNCOAST ROVING REPORTER

By Cathy Soehl  
W4BAV-ARNS

St. Petersburg Amateur Radio Club members were enlightened on the art of tracking interference, power leaks, etc. when Walt Patterson, of Fla. Power Corp., spoke at their October meeting.

K4NI, Walt and Louise Bickmeyer are spotting a new 4-door, blue, with whitetop, Ford at the Tampa Hamfest.

K4GZ, Charlie and Minna May Louis have returned to Florida after over a month's stay on Long Island, awaiting their grandchild's arrival. It was a boy!

Glad to report W4LEP, George Cooke, is home recuperating from recent emergency operation. Good luck, George.

W4BL, Fran Foley will host the SPARCUS Christmas Party December 8th, at her home, 14000 - 64th Way No., Clearwater, from 2 p.m. to 4 p.m. All licensed YLs are welcome. Bring an exchange gift (not to exceed \$1.00) and meet the girls, most are also Floridians.

(Continued on Page 8)

# 12th ANNUAL TROPICAL HAMBOREE

A.R.R.L. SOUTHEASTERN DIVISION CONVENTION Bayfront Park Auditorium and Everglades Hotel  
Miami, Florida

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For tickets, hotel reservations, cruise brochures, write to:

DADE RADIO CLUB, P.O. Box 73, Biscayne Annex, Miami, Fla. 33152



(Continued from Page 7)

WBFT, Patrick Doyle is another ham from Ohio in retire to Homestead, Fla. He was owner of Westlake Marine Electronics, a yachtsman, well-known country music musician and band leader. He hosts all the top amateur and commercial radio operator licenses. Welcome to Florida.

WB4QDE, Shirley Rex has a new boat, which they are naming CQ DX. That should attract some attention and probably confuse some who are not familiar with boat radio.

### FIVE FLAGS AMATEUR RADIO ASSN.

By Gene Rimmal, WB4KLP

The monthly club meeting was held 4 Nov. with many guests in attendance. A hearty well done goes to Earl, WB4PKR, and all the others to numerous to mention who dedicated their time and efforts to make the exhibit at the Pensacola Fair a smashing success. Every one that I talked to thought all the displays were outstanding. A new code and theory class will get under way 8 November at 6:30 p.m. Jim, K4CFS, and associates will be holding classes each Monday and Thursday evening at the old club house. All potential Novices are welcome and encouraged to attend.

A Swapfest was held 11 November at the club. A 25¢ transaction fee was placed in the treasure for the up and coming Christmas Party which will be held the 16th of December.

The VHF contest is scheduled for 11 and 12 December starting at 6 p.m. Saturday evening and will end Sunday evening at 6 p.m. A very nice prize will be given to the winner so get your 6 and 2 meter rigs down now.

### GULFSTREAM SOCIETY OF AMATEUR RADIO OPERATORS, INC.

By R. L. Murray, WB4CDL

It's been a long time. I didn't realize so many people missed the G.S.A.R.O. ride-up!

Although our group has weathered some problems, things are looking up again.

Laws and By-Laws of the society have been re-written and up-dated and new officers have been elected.

Richard F. Kidder (WB4AKH) is once again our president; R. L. Murray (WB4CDL) vice president; Francis E. Landy (W4OCM) secretary and Jim Johnson (W4JBZ) treasurer.

The new site for the Repeater Receiver is not too far away and everyone is anxious

in anticipation for the "power on" date. This will increase our coverage considerably.

Talk of a 450 Repeater is strong and in the very near future.

A six meter is also being talked about and should pick up the six meter activity in this area—More next month.

### TAMPA AMATEUR RADIO CLUB NEWS

By Frank Shannon, K4GT

These TARC members who missed our October 11th meeting certainly lost out on a most informative talk in not hearing our guest speaker, Mr. James Bingham (not our new TARC Jim) give a talk on "Moon Bounce—Amateur Radio." Mr. Bingham is outstanding in his experiments with moon-bounce. His portion on the construction of antenna—especially his description on "joint-connection losses" not readily recognized by most of us, without the aid of proper instruments for measurements. The intense audience interest was evidenced by the unusual length of the "question and answer" period.

Again, we TARC's are indebted to Al Cito, WA6MKV, and those of his Program Committee, for the consistency of furnishing us with top-notch speakers! Mr. Bingham is strongly interested in experimenting to prove that moon-bounce can be accomplished on 2 meters, as well as on the higher frequencies. The large size requirements for the necessary signal-noise gain is a real challenge to the experimenter!

Your Scribe goofed in last Skip column—Dan Fischer temporarily assumed the treasurer's responsibilities during the out-of-town absence of John Mauro. Pardon me!

So far we've had no takers in response to recent trial policy of keeping club building open on Saturdays and Sundays for privilege of operating the club radio gear. Yes, fellows, just another example of needing some youths among us! So, please make an effort to recruit some new members!

Glad to have seen so many of TARC attending the indoor Tampa Hamfest during Saturday and Sunday, October 16 and 17th!! Your Scribe was busy in his duties as Chairman of Gator Chapter QCWA—especially as host in our "Gosh-pity Room!!!"

C U in next issue of SKIP!!



### QCWA SOUTHEASTERN CHAPTER

By W4JO

November 5th, Thursday evening, marked our 22nd consecutive dinner, held monthly at 3300 N.E. 2nd Avenue, in Miami. If you have old time friends who plan to visit Miami during the coming season, don't fail to invite them as our guests at the next monthly meeting in December. The date will be December 2nd, time 6:30 P.M. 4339 GMT or just plain 200Z!

Gus Girona, W4JE, our Executive Secretary advised this writer that he will be in Miami January 22 for the Miami ARRL Convention and the Tropical Ramboree. Gus has served our organization well for many years and it will be a great pleasure to meet him and learn first hand what our national headquarters are planning for the coming year.

Plans are under way for a state wide luncheon, Sunday at noon on the 22nd in Miami for all QCWA members of all chapters. Advise your Southeastern Chapter secretary immediately so we can set a quota for the event. This will be a great opportunity for all to meet, and bring those reluctant friends who have put off joining these many years.

So, don't miss our next dinner, December 2, at 6:30 P.M. sharp. W4JO Secretary-Treasurer S.E. Chapter

### Q.C.W.A. SUNCOAST CHAPTER

By Bill Soehl, W4GHR

Our first meeting of this new Season was held in the Davey's Locker Room of the Windjammer Restaurant in Sarasota, where a delicious stuffed pork chop dinner was served and enjoyed by all the members and guests.

Arrangements have been made with the Windjammer Restaurant to reserve the Davey's Locker Room for all of our meetings on the first Wednesday of each month. This will make it easy for all Suncoasters to keep the first Wednesday of each month open for the Suncoast meetings.

A new member was added to our roster, W4RCZ, Phil McMasters, of Lake Placid. Phil is a candidate for ARRL S.E.

Division-Director and had in answer many questions asked him by our members.

At our November meeting, another one of our members will receive his 50-year Certificate, he is Vern Busch, W4ZRL, of Marco Island.

In the next meeting notice each member will be asked if he will be able to attend and how many will be in his party. This is necessary so that our Secretary will be in position to give the restaurant a more accurate count of the number of dinners to be prepared. Your cooperation in this matter will be greatly appreciated by your Suncoast Chapter.

### SUNCOAST QCWA MEETING SMASHING SUCCESS

By Arthur H. Lynch, W4DKJ

Due almost entirely to the astute planning and performance of our Chairman, Bill Soehl, W4GHR; Co-Chairman, "Grid" Gridley and Secretary, Jules Bamberg, W4JWD, and the folks who run the Windjammer Restaurant, our meeting and lunch were simply TOPS. 11-3-71.

After the lunch, Bill presented 50 YEAR AWARDS to Vern Busch, W4ZRL, of Marco and C.F. Donbar, W8PA-4, Bradenton.

Cathy Soehl, W4BAV, took photos of the presentation, and, to save time, is sending them, with suitable captions, to Andy and Gus Girona, W4JE, so as to be in time for their next closing dates.

There were 54 folks who registered and several more who did not, and when Bill opened the meeting for discussion, it was very, very pleasant and informative. Everyone indicated great enthusiasm and appreciation for the excellent way in which Bill and his committee had brought it about.

Quite a few regular members were missing, for one reason or other. For instance, Tom Baldwin, K4AXA, of Englewood, had a birthday, which took him down to Homestead, where his daughter and son-in-law are stationed at the Air Force Base. His regrets and best wishes to all were well expressed by Frank Lester, W4AMJ and Sally, who have built a lovely place, also in Englewood, for permanent living. Frank, incidentally, is QCWA no. 13.

There was some discussion about changing the name of our club, to one which would not confine membership to QCWA members, and would include members of the O.O.T.C., Florida Sidebanders, etc. Bill suggested the question be held over for discussion at the next meeting, which met with approval.

There were so many notices there that there is not space to list them here. It is hoped that you will come to meet them at the next meeting, Weds., Dec. 1. You'll be glad you did!!

### GATOR CHAPTER REPORT QCWA

By Frank Ailes, K4PI

The first fall 1971 meeting of the Gator Chapter was held at the Causeway Inn, Tampa, on Saturday October 16 and was exceptionally well attended, since there were only 32 reservations, whereas 75 members and guests turned out. The business meeting was cut short because many members wanted to attend the Tampa hamfest.

Announcement was made of the results of the balloting for the National QCWA Organization, the Presidency going to Barry Goldwater, KYUGA, while the 4th District nominee J. R. David W4YK was elected by a very large margin. Chairman Frank Shannos, K4GT, appointed a nominating committee of three to select nominees for the officer slate for 1972 for our Chapter.

A number of members of the Citrus Chapter attended, as well as a few from the Sarasota Chapter. Many members of

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**MEET DONNA AND Ros Kesler, VE1SH of Sackville, Canada. Long time SKIP'ers Ros is looking for Florida QSOs.**

Old Old Timers Club and the Society of Wireless Pioneers were included in the Attendance.

Please note that the December (Christmas) Meeting is scheduled for December 18, also at the Causeway Inn.

### THE FLORIDA SIDEBANDERS ASSOCIATION

I would like to solicit all of the past and present certified members of the Florida Sidebanders Association to listen in on the meetings, Sundays at 5 PM EST (2300 Zulu) on 3940 kHz. Especially those of you members who have not called in for sometime. We miss you!

We welcome into the Florida Sidebanders the following new certificated members, No. 346 Gil Patton, WB4QPW, Hattland; No. 347 Leo Cass, WA9JXK-1, Brandon; No. 348 Riley Wade, WH4FXV, Cicua Beach; No. 349 Chuck Fowkes, WB4BOM, Bradenton; No. 350 Max Meyers, W4KKO, Ocala; No. 351 Hugh Petrie, K4FZY, Miami and No. 352 'Woody' Woodrow Huddleston, N4SCL, Largo. We invite any of you who would like to associate with the Florida Sidebanders to listen in and when Henry, WA4WVG, asks for new prospects to follow him off frequency and listen to his 'pitch.' He will explain to you what 'it' is all about.

Tom, W4JQ, the Treasurer of the association is asking all you certified

members to send in your dues for the new year, 1972, and renew your membership. Send him a buck and make him and the Association happy to have you in.

Tom Rudge, WA4BWE, past president of the Association is a Lieutenant of the Brevard County Sheriff's Department and has been presenting a program on the laws and statutes covering such things as DWI, speeding, accident involvement and other aspects of law enforcement. Listen in and maybe you will hear how to "beat-the-rap."

December is the month the 'sidebanders' will elect new officers to guide them through the first half of 1972. The candidates for the place of president, first and second vice president and secretary are electioneering hot and heavy. The position of treasurer is being held by W4JQ for now and ever. He has had this 'well paying' money position more years than can be remembered. We are sorry to have to accept the resignation of Bart, W4SCY, as 1st vice-president because of ill health and other personal reasons. Bart is a Charter-Life member of the Association and has been the 'spark-plug' of enthusiasm for a number of very worthwhile projects undertaken by the association, one of them a 'tone-comparator' for Mind amateurs.

Listen-in you who have dropped out and let us know how you are doing. WE MISS YOU! J. Case W4NGR PRESIDENT Florida Sidebanders Association.



**RECEIVING THEIR 50-year-in-amateur-radio QCWA Awards, during the Suncoast Chapter Nov. 3rd in Sarasota's Windjammer Restaurant were left to right: W4ZRL, W8PA, and Chairman, W4CHR who presented the awards. Seated is W4DWB, QCWA Secretary. (Photo by W4BAV)**

## Signs By Tom

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## FAST NET

By Riff Crause, WB4MIQ  
Well, another month has come and gone

and everything went along fine once again.

First off, I would like to welcome to the NCS crew Lou, W4JMSK. Lou will be taking Friday spot with that good sig of his from Brandon. Lou will be taking over for Vince, W4NNB, who asked to be relieved due to his work schedule, but will remain as alternate.

Glad to see most everyone at the Tampa Hamfest. I was glad to meet for the first time Hal, W4SNP, and Hugh, W4ILS. Also saw many familiar faces.

Well, it is time once again to change the time back to good ole EST. I had been listening on the net frequency for about a week at 7:30 Daylight time and I figured that we could make a go of it on 3.940 at 8:30 EST, but it is really rough and a change to 6:00 EST will have to come about.

Statistics this month—we are a little bit off from last month. Average session saw

38 people check in handle 5.9 pieces of traffic and leave in 18 minutes. Not bad but a lil off from last month.

One of the things that I brought up to the attention of Regis, W4LE and Dale, W4DGS, SCM and Director respectively, was the fact that each month in QST in the Amateur Radio Public Service column the names of the section nets are listed and the independent nets have all their status printed. I had to have this brought to the attention of George Hart, W4NJM, who writes the ARPS column to see what he says about it. So I wrote a letter to him to find out. On November 3, I received a letter from him. He answered my complaint by saying "... but the fact is that there just ain't no more space ...". Mr. Hart continues saying, "There is no other place we can mention the latter (Independent Nets), and nets at section or local coverage level are not eligible for listing here."

I would still like to see how the Florida nets and the FAST net in particular shape up with the rest of the traffic nets in other parts of the country. This could show how good/bad that things are being run and since there is little chance to listen to a lot of the other nets that are in operation from here progress for our nets that out-of-state nets could provide or that we could provide will be difficult, if not impossible to share. I guess this will suffice for this month.

## FLORIDA PHONE TRAFFIC NET

By Case, W4NGR  
Net Manager

Even with the time change from Daylight Savings to Eastern Standard it hasn't improved band conditions on our early morning Florida Phone Traffic Net. The two's, three's and 'up the country boys' still pile in loud and clear. (gosh! even heard Alaska on 75) What we would like to hear on the net is stations from Jacksonville, that is spelled J-A-C-K-S-O-N-V-I-L-L-E. It's a large city in North East Florida! Come fellows we need you as do some of the other nets. Also, we need some use from St. Pete, Clearwater, Lakeland, Lake City, and way down at the other end of the State, Key West. The Florida Phone Traffic Net won't take up too much of your time in the morning (while your toast and eggs are cooking) from ten to twenty minutes Monday through Saturday, 7 AM EST on 3940 Kilohertz and your help would be greatly appreciated!! We want to welcome Don, W4MIN, from Arcadia and Bob, W4QVO, of Pompano Beach into the net.

## FLORIDA FAA NET

By George E. Cooper, W4E3H

WB4VZW, Bill Smith, one of the few members of the net who is not retired. So very few FAA retiree members have had

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-Editor

## TOP TWENTY TRAFFIC TAKERS

By W4KGJ

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2. WA4SCK	475
3. WB4A/W	284
4. WA4LJH	262
5. K4VFF	250
6. WB4LEL	207
7. W4ILE	205
8. W4FPC	192
9. WB4HJW	186
10. W4NVU	176
11. K4FAC	156
12. WB4SBD	156
13. WB4MIQ	121
14. W4SDR	101
15. WB4NCH	91
16. K4QG	86
17. WB4QVO	85
18. WB4PNG	64
19. WB4HML	62
20. WB4TPJ	59

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## THE SCMs CORNER

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## WORLD SKIP

By Phil Reid W840M

Just about the time this is being read the CW portion of the CQ WW DX Contest will be over or nearly over. During this contest there will again be a chance to work many new ones. Propagation conditions are expected to be fair to good during the contest period.

### DX-PEDITIONS

C2 Nauru Is. VK3TL will be operating from here beginning early next year for a couple of years.

P17 Sao Paulo Rocks—PY7AKW and friends are going to try for this QTH in late November or early December. TZ FI-8 4W. 5T5 K4AEB should be active from one of these areas when this is read. He is going first to TZ then go on to the others.

**RARE STATIONS ACTIVE:** XU1—Cambodia—XU1AA is active from this newly legalized country. XU1AA is the ONLY Cambodian the U.S. hams are allowed to work.

AC3—Burundi—AC3TY is active on both CW and SSB. He is mostly active between 1400Z and 1600Z.

FI8—French Somaliland—FL8MM is active on 21.288 around 900Z.

VR—British Phoenix—Should be active last two weeks in November by 9Y4AA and group as VR1W.

4W1 Yemen—4W1AF on the low end of 21MC SSB around 2100Z.

MP4M Muscat & Oman—MP4MBL on 28 MC at 1400Z.

TX2—Algeria—TX20M on 21.300 at 1800Z.

9U5 Burundi—9U5BB on 28MC at 1930Z.

receive this issue of FLORIDA SKIP my term officially begins.

Our "team" of officials for the SECTION will remain essentially the same. Andy Clark, W4IYT, and Ken Stewart, W4SMK, are probably the best one-two Section Emergency Coordinator combination in the country. Phone Activities Managers, Clyde Masburn, W4SDR, of FMTN fame certainly takes care of 40 meters on 75 we have our old standby Bill Pandolf, W40GX, with years and years of experience. Our Route Managers are headed up by Dan Frank in K4EHI, a young man but an OLD communicator with plenty of savvy. Last and by no means least is Buddy Morgan, WB4JMG, who has dug right into things and is thoroughly familiar with the NTS. Bud is also present QFH Manager.

We have excellent traffic nets ... our slow-season "slump" is behind us, so let's SOCK IT TO 'EM as the expression goes. And of course ... each of you handling a piece of traffic, be it 1, or 1,000 will be expected to send in a monthly traffic report ... via radio or via mail.

### COMING AP

POINTMENTS probably an Asst SCM in the not too distant future, possibly a RTTY RM and a 3rd PAM VHF.

There will be an "SCMs CORNER" each month in FLORIDA SKIP dealing with some phase of ARRL-CD-SCM related topic.

Remember now **OUR SECTION IMAGE and REPUTATION is REFLECTED IN YOUR ACTIVITY. KEEP ME BUSY 73 de Regis-W4LE SCM FFLA**

## THE LIMIT

By Sid Fackner W4BMM 4  
The power went up  
Regulations went down  
I heard a capacitor,  
Short over to ground.  
The plates incandesce  
The plate choke now smolders.  
Turn up the power  
Get goldier and goldier  
The tank coil is red.  
The plates hurting my eyes  
I predict for my transmitter  
An early demise  
Four amps on the plates.  
The screen grid now gone  
One thing is for sure  
This can't last too long  
The coax is hot  
No more RF can it pass.  
Now it's happening,  
OH NO! **CRITICAL MASS!!!!**



# Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere). Any individual may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

## ARRL LISTINGS

Director, S.E. Division  
H. DALE STRUTTER, W4DQS  
928 Trinidad  
Cocoa Beach, Fla. 32931

Vice Director, S.E. Division  
CHARLES BOLVIN, K4KQ  
210 S.W. 27th Lane  
Miami, Florida 33133

SCM E. Fla.  
REGIS K. KRAMER  
105 N.E. 28th St.  
Miami, Fla. 33138

SCM West Florida  
FRANK M. BUTLER, JR., W4XKH  
323 Elliott Rd., S.E.  
Ft. Walton Beach, Fla. 32542

SEC East Florida  
ANDY CLARK, W4YT  
41 Leape Drive  
Miami Springs, Fla. 33166

SEC West Florida  
G.D. McKECHNIE, W4KE  
507 S. 4th St.  
Capeley, Florida 33425

Asst. SEC East Florida  
KEN STEWART, W4SMK  
2567 Maple Ave.  
Ft. Myers, Fla. 33901

Asst. SEC West Florida  
T. H. GOLDSMITH, W4EQU  
40 Memorial Pkwy. NW  
Ft. Walton Beach, Fla. 32542

## NET LISTINGS

QFN (AD Florida)  
7:00 p.m. and  
1000 p.m. local time daily 3651 kc  
Fla. DX Club net.  
Sun. 11 a.m. 7265 kc.  
FAA Sun. 9:45 a.m. 7266 kc.

FSBA Sundays  
5 p.m. on 3940 kc  
FSBER Wednesday  
7:30 p.m. on 3940 kc

KNIGHTS OF RHOCYCLE,  
Sundays  
7:30 a.m. on 3910 kc.

STATE QCWA NET  
Sund. Sunday, 7251 KC.

GATOR NET (GN)  
Daily 8:30 a.m. on 7115 kc.

TROPICAL PHONE TRAFFIC  
NET (TPTN) Daily except Sun.  
5 p.m. on 3940 kc.

FLA. AMATEUR SIDEBAND  
TRAFFIC NET  
(FASBT) Daily except Sat.  
4 p.m. on 3940 kc.

WEST FLORIDA PHONE NET  
(WFPN)  
8 p.m. on 3957 kc. Daily

FLA. PHONE TRAFFIC  
NET Mon. thru Sat.  
7 a.m. on 3940 kc.

FLA. MIDDAY TRAFFIC NET  
Daily except Sun. at 12 noon  
On 7254 kc.

QFTN-ALL FLA. TRAINING  
C.W. Net Daily  
9:00 P.M. 7235 kc

MOONPORT MICROWAVE  
ASSOCIATION NET  
Sundays at 2100 EST.  
Frequency 145.5 mhz.

GOLD COAST EMERGENCY NET  
6 Mhz. 30.445 mc Mon. 2000 local  
2 Mhz. 95.25 mc Tues. 2000 local

FLAMINGO NET  
Friday, 7:30 p.m.  
20.944 a.m.

CARIBBEAN LOCAL NET  
3900 - 3965 daily 0200 GMT  
Weather. All you want to know about the  
islands. Weatherman CYSCO Host 6Y5EM

BROWARD AMATEUR RADIO  
CLUB W4AB  
2nd Wed. of month, 7:30 p.m.  
2020 S. Andrews Ave.  
Ft. Lauderdale, Fla.  
Mailing Address: P.O. Box 8873  
Ft. Lauderdale, Fla. 33310 More info call  
523-1517, 584-1273

LAKE AMATEUR RADIO ASSN.,  
INC. W4YKY  
Meets each Thursday 8 on P.M. EST  
Clubhouse, Springdale Ave.,  
Bassville Pk., between Leesburg  
and Tavares, Florida.  
Mail to: O. A. Thompson, K4LV, Secy  
HQ 1 Three Lakes, Umatilla, Fla. 32744  
Telephone 904-357-5109

HILLSBOROUGH AMATEUR  
RADIO SOCIETY, INC. W4GJJ  
Meets 4th Tuesday, 7:30 P.M.  
Old Pelican Temple  
6220 Nebraska Ave., Tampa, Fla.  
Mail to: P.O. Box 8882 Zip 33604  
(33612) Visitors always welcome

DADE RADIO CLUB, INC.  
(W4NVU) 1st & 3rd Tuesday  
Museum of Science & p.m.  
3280 So. Miami Avenue  
Miami, Florida  
Mailing address: P.O. Box 73  
Biscayne Annex  
Miami, Florida 33132

ST. PETERSBURG AMATEUR RADIO  
CLUB, INC. W4GAC  
Meetings: 1st Friday

Pinebliss Community Service Center  
2530 - 9th St. N.  
Mailing address: P.O. Box 4328  
For information phone, 369-7198 or 855-4378

ORLANDO AMATEUR RADIO  
CLUB, INC. W4PLH  
3rd Wed., 8:00 p.m.  
First Federal Savings & Loan  
on Edgewater Drive, Mailing  
Address: Box 13267,  
Orlando, Fla. 32809  
2 Meter Net—145.350 kHz  
Mon. thru Thur. 7 p.m.  
More info call 277-0628

FLORIDORA YLS (W4FE)  
All licensed Florida YLs invited to join.  
Mailing Address:  
W4KOB—Kenie McMaisters  
Rt. 1, Box 351  
Lake Placid, Fla. 33852  
1400Z on 3933 Tues.

DADE COUNTY AMATEUR RADIO  
PUBLIC SERVICE CLUBS, W4EHW  
Meets every 2nd and 4th Thurs.  
Pace High School - 7:15 PM  
15600 NW 12nd Ave., Miami  
Service to the public is our constant  
concern.

TAMPA AMATEUR RADIO  
CLUB, INC. W4DUC  
Meetings: 1st & 3rd Mondays  
7:30 p.m.  
Club House: Davis Islands  
Columbia & Barbados  
Mailing Address: 943 Cimmeron Ave.,  
Tampa, Fla. 33603

SARASOTA AMATEUR RADIO  
ASSN. INC.  
Meets 2nd Tuesday of each month  
8 p.m.  
At Sarasota Federal (S. Gate Branch)  
Club Call W4IZ in memory of Charlie  
Service

WEST PALM BEACH AMATEUR  
RADIO CLUB, INC. W4HAW  
P.O. Box 9834  
Southshore Station  
West Palm Beach, Florida 33405  
Meetings: 1st Wednesday of each  
month—7:30 P.M.  
823 Newark Street  
West Palm Beach, Florida 33401  
Information! Call 623-0775, 583-2337.

SOUTH MIAMI RADIO CLUB, INC.  
K4JVA 1st Fri., 8 p.m.  
Coral Gables Police Station  
365 Aragon Avenue  
More info call:  
446-3475 or 238-2583

DAYTONA BEACH AMATEUR RADIO  
ASSOC. K4BV  
Meets 3rd Mon. each month  
1st Fed. Bank Bldg.  
301 N. Grandview  
Mail: P.O. Box 1606  
Daytona Beach, Fla. 32015

PLAYGROUND AMATEUR RADIO  
CLUB  
Mailing address: P.O. Box 273  
Ft. Walton Beach, Fla. 32542  
Meetings—Social Meeting 1st Thursday.  
Business Meeting 3rd Thursday.  
Meet at the old Police Station on 1st St.

HOLLYWOOD AMATEUR RADIO CLUB  
3rd Monday of month at 8 p.m.  
Science Lab, Chausseade High School  
33rd Ave. and Johnson St., Hollywood  
Mailing Address: P.O. Box 6366,  
Hollywood, Fla. 33021 WB4TON  
Visitors always welcome.

FORT MYERS AMATEUR RADIO CLUB  
Meets 1st Wednesday of month at 7:30 p.m.  
First Federal Savings & Loan Assn.  
Pondella Road (SR 78-A)  
North Fort Myers  
Sec: 193 Meta St., Fort Myers, Fla. 33905  
694-3564

BRANDON AMATEUR RADIO SOCIETY  
WB4RNC  
Meets second Mon. 7:30 P.M.  
First Federal Hospitality Room  
400 Brandon Blvd. (Highway 80)  
Mail Address: P.O. Box 828,  
Brandon, Fla. 33511 Phone 688-2816

NORTH FLORIDA AMATEUR  
RADIO SOCIETY W4UZ  
2nd Thursday, 7:30 P.M.  
Duval CD Headquarters  
107 Market Street  
Jacksonville, Fla. 32203

CLEARWATER AMATEUR RADIO  
SOCIETY  
Meets 2nd and 4th Tuesdays at 7 p.m.  
at Florida Power Linemen's Hall,  
2106 Palmcetto St., Clearwater.  
Pres. Norman Meeker, WB4GYB  
Visitors warmly welcomed

TAMPA BAY REPEATER  
ASSOCIATION  
W4HAE  
Meets second Tuesday each month at 1938  
Tampa Civil Defense Headquarters  
109 Brush Street, Tampa  
Mail to P.O. Box 2612,  
Tampa, Florida 33601  
Phone: St. Petersburg 347-2270

## FUNNY PHONETICS

Here are some more Funny  
Phonetics. Don't forget to use  
these only during eyeball  
QSO's.  
W4HGT—Hopping Green Toads  
W4LPH—Little Peter Rabbit  
K5JGU—Just Got Up  
K4ACF—A Cute Female  
K4PPX—Pretty Powerful Xmitr  
K4QQE—Quickly Quietly Ef-  
ficiently  
K4CRU—Cute Red Underwear

FLORIDA SKIP, Box 501, Miami Springs, Fla. 33166

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GIFT Subscription to FLORIDA SKIP  
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Address \_\_\_\_\_

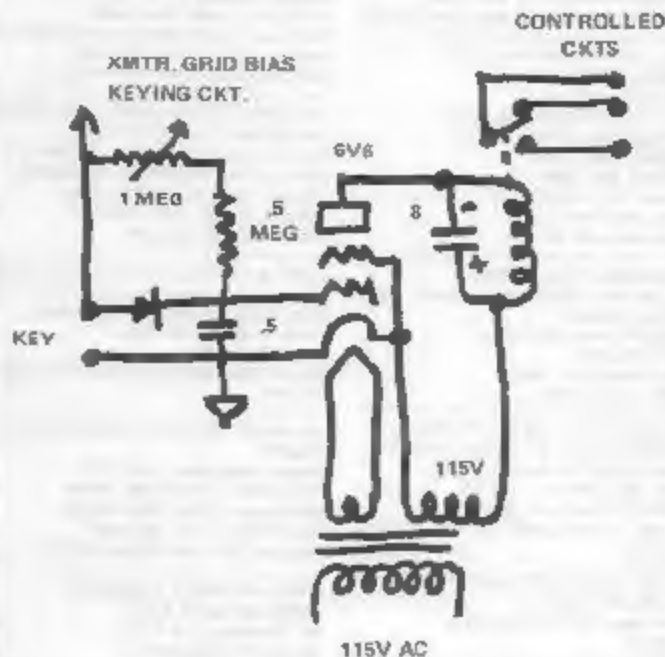
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& Zip \_\_\_\_\_

☐ \$2.00 one year

PLEASE SEND GIFT CARD.

## KEY OPERATED RELAY



## A SIMPLE CWX

James L. Whittaker, W4UPF+

Providing CWX (key control T-R on CW) is extremely simple compared to VOX, especially with transmitters which employ grid block keying.

What is needed is a relay with a fast pull-in and slow drop-out, such that the pull-in is slow enough to hold the Tr "on" during the short pause between words. The schematic shows how such a relay control may be easily constructed.

A relay having a pull-in current of approximately 25 Ma (6500 ohms) is used in a vacuum tube control circuit to provide the desired fast pull-in and slow drop-out characteristic. Relay current is provided by the 115V secondary of the power transformer, and the minus voltage for the time delay charging circuit is the blocking bias voltage of the transmitter. A 6V6 or 6AQ5 serves as well as the control tube.

In use, the first dit of the key discharges the timing capacitor in the grid circuit, allowing the tube to pass current and close the relay. Attack time is less than 50 Ms, having little effect on the first dit. The relay will remain closed for a time period following the last dit until the tube is cut off by the charging of the grid capacitor to a negative value. This drop-out time is determined by the values of R and C which should have an RC product of about 5.

The contacts on the CWX relay can be used to control antenna relays, receivers, power supplies, etc., as related to T-R operations. It is a good idea to interlock the transmitter keying circuit with the antenna relay to insure that the transmitter is properly loaded prior to keying.

+ 7201 NW 9th St. Plantation, FL 33313.

## COLOMBIA AT THRESHOLD OF FLORIDA AMATEURS

Aerocondor of Colombia, one of the most prominent Colombian Airlines, offers to the Amateurs of Florida an unprecedented opportunity by which they may visit Colombia to become acquainted with its charms and historical treasures.

Antonio M. Correa, HQ3-QB-4, resident of Florida for the past

ten years, is the leader in this undertaking which should result in a better knowledge of the customs of his country, Colombia, and the USA, his home. Nothing better could occur among Amateurs than the interchange of customs and communications.

(Literal translation by WN4NXXR)

## STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

(Act of August 12, 1970; Section 3685, Title 39, United States Code)

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- Owner (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.) Florida Skip, Inc. (Non-profit), P.O. Box 501, Miami Springs, Florida, 33166. Andrew C. Clark, 41 Lenape Drive, Miami Springs, Florida, 33166.
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B. Paid Circulation		
1. Sales through Dealers and Carriers, Street Vendors and Counter Sales	0	0
2. Mail Subscriptions	1900	2120
C. Total Paid Circulation	1900	2120
D. Free Distribution by Mail, Carrier or other means		
1. Samples, Complimentary, and other free copies	132	101
2. Copies distributed to news agents, but not sold	0	0
E. Total Distribution (Sum of C and D)	2132	2220
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G. Total (Sum of E & F Should equal net press run shown in A)	2200	3300



## HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateurs, at a rate of 50 cents for 35 words, and 1 cent a word thereafter. NO AD WILL BE PRINTED UNLESS ACCOMPANIED BY FULL REMITTANCE! Return ads must be resubmitted each month, no \$1.00 for two insertions, etc. No Hambar accepted via telephone.

Non-subscribers rate is \$1.00 for 35 words and 1 cent each additional word.

To Commercial Business: Classified, undisplayed — 50 cents per line. Illustrative or General Display with border — \$3.50 minimum, \$70 page, including lay-out.

Deadline 10th of month (or all) ads. FLORIDA SKIP, INC., Advertising Department, P. O. Box 501, Miami Springs, FL 33166.

FOR SALE: HT-37 \$129.95. 5X-28, make offer. 24 hour clock \$3.95. Dow Key \$9.95. Health code etc. \$7.95. Bob Anderson WB4PZZ, 1517 North 22nd Ave. Hollywood, FL 33025 Phone 925-6934.

TRANSFORMERS REWOUND: Jess Price, W4CLJ, 507 Raehn Street, Orlando, FL 32906, Phone (305) 425-7251.

FOR SALE: Heath HW-32A transceiver with HRA-10-1 calibrator and microphones, HP-13 power supply, HS-23 speaker, manuals \$125.00. Ben Gambee, WA4ZGL, Rt. 1, Box 440, Stuart, FL 33494 Phone 287-5558.

WANTED: HW-32 FOR SALE: Apache xmit 10 thru 160 meters, especially good for 10 meters \$65.00 Ted Timmerly, WA4VEM, 15720 SW 79th Ave, Miami, FL 33157 Phone (305) 225-4844.

FOR SALE: Hallicrafters IIT-44, 5X-117, PS-150-120, HA-10 LF tuner, extra revr xials, \$400.00. Sixer \$20.00. TB-1000-4 beam (Swan TB-415), unused \$80.00. Both \$150.00. (Dean FOD Terra House), Alan Biddle WA4SCA, Box 54, Moody AFB, GA 31801.

FOR SALE: Ubeca 650-VFO 5 meter, mint condition, complete with manuals 110-12 VDC built in power supply. Firm \$80.00. W4J ship. Milt Sebeaux, WB4QQG, 2411 - 51st Ave. Terr West, Bradenton, FL 33507.

SELL: SWAN 400 transceiver \$180.00. 405 Solid State VFO \$30.00, 511 solid state 12 VDC power supply \$60.00. Need good quality triband beam. Bill Bailey, 5088 Grant Ave., Orlando, FL 32809 Phone 855-6758.

ESTATE SALE—W4ER: HT-32 transceiver \$225.00. SWAN SW175 with a.c. and d.c. supply \$150.00. Deane J-B with power and speaker \$125.00. Contact G. E. Hoffstetter K4AV, 10005 Bay Pines Blvd. Lot 1382, St. Petersburg, FL 33706.

FOR SALE: JOHNSON Navigator, excellent, new meter \$75.00. Johnson SSB adaptor, very clean \$35.00. Bud cabinet 36 inch, grey, new with castors \$45.00. GG finals 1-811's \$50.00. 1-1000A \$75.00. Both with tubes quality components throughout. Model 10 TTV, very clean, now on air, pick up only \$100.00. Allen W4YFP, 17 Hernandez Ave., St. Augustine, FL 32084.

FOR SALE: ARMY code machine, speaker excellent for large groups or class work. Hours of tapes, fine condition \$18.00. Ed Peckham W4DSD, 251 South Golf Blvd., Pompano Beach, FL 33064 Phone 941-4911.

Half the fun of gossiping comes from rearranging the facts.



**TELETYPE88**, M-15 auto CR-LF, \$27.50. Tape winders (wind up) \$12.50. Gears galore. Send S.A.S.35 for complete list. **WANTED: LKDs** any condition, all parts, models 31, 33. **TYPE TRONICS**, Box 8673, Ft. Lauderdale, FL 33310 W4NYF.

**WANTED:** Tower, tri-band, beam and SSB equipment, transceiver. Bob Poberness WB4RSK, 725 SW 98th Ave., Miami, FL 33155 Phone 305-279-4121.

**FOR SALE:** Drake RB8 with extra crystals. Drake TOCB transmitter, AC-2, MS-1, mint \$235.00. Swan 500 transceiver with 117 XC \$375.00. S. H. Truogger W4RK, 14400 SW 81st Ave., Miami, FL 33159.

**FOR SALE:** Regency 500 CB rig new factory packed \$75.00. Will throw in 500watt mobile antenna. Cathy 500watt W4BAV, 607 Jungle Way, Sarasota, FL 33580.

**FOR SALE:** HW-12A, calibrator, mike, Swan dial, mobile bracket, HP-23A SB-600 all for only \$125.00. C. C. Fowkes WB4BOM, 1613 - 30th St. W., Bradenton, FL Phone 813-746-2945.

**FOR SALE:** Send for list of many articles too many mention here of amateur components. A few to mention, tubes, transmitter, power supply, meters etc. No reasonable offer refused. Edward W. Verrier W4HTH, 6535 Ninth Ave. No. St. Petersburg, FL 33710.

**TRADE OR SELL:** Have prop pitch rotator and Viking I xmt, \$35.00 for each or trade for Vibroplex, Swan phone patch, grid dipper or what? Doug Rice, WA4NZI 7420 SW 5th St., Ft. Lauderdale, FL 33314 Phone 305-567-6036.

**WANTED:** Great Circle Map based on Miami to use in conjunction with a beam indicator. 6 or 8 inch diameter preferred. D. Rice WA4NZI, 7420 SW 5th St., Ft. Lauderdale, FL 33314 Phone 305-567-6036.

**WANTED:** 7 inch reel to reel tape recorder. Also need AM-FM broadcast radio with good selectivity and sensitivity. Have for trade S53A Hallicrafters receiver, Shure 440 mike B&W to pass filter, etc. also some cash. Arthur Ideker, 1505 West 14th, Pine Bluff, Ark. 71601.

**FOR SALE:** Drake TR-4, excellent condition, a.c. d.c. supplies \$450.00. Will deliver 250 miles. Doc Mock W4RHD, 7525 SW 134th St., Miami, FL 33156 Phone 305-555-8888.

Take your hat off to the past; take your coat off to the future. Salada.

**FOR SALE:** G.E. Mobile unit with 146.04, pre-amp, control head, cables. **WANTED:** HT-300 or 220 handy talky. Gene Starr WA4JDB, 744 Bianca Blvd., Palm Bay, FL 32909.

**FOR SALE:** Hallicrafters HT-48 transmitter, like new in A-1 condition, original cost \$269.95, sacrifice for \$150.00. Bill Nodlinger WB4EBD, 1924 Ashland Dr., Clearwater, FL 33515 Phone 733-4655.

If you want to keep your friends, don't give them away. Salada.

**FOR SALE:** Teletype motor. Code LMU-2. Motor unit 28A. Used but like new, guaranteed \$15.00, plus postage for 10 lbs. Larry Nurni WN4RZO, 707 Harth Dr., West Palm Beach, FL 33406 Phone 305-660-2971.

**FOR SALE:** HW-170C \$125.00 and Viking II with 6 novice xtal and VFO. \$75.00. Also Hallicrafters Sky Champion and 540A, \$20.00 each. Have an antenna tuner with SWR meter for transmitter with 6 position antenna switch. Sam Thomas, 704 Federal Hwy, U.S. 1, Ft. Pierce, FL 33450 Phone 305-464-4570.

**FOR SALE:** JOHNSON Invader 3000 \$450.00. Johnson Kilowatt Matchbox with SWR meter \$100.00. Hammarlund HQ-170C \$145.00. All in excellent condition. Reason for selling, moved into apartment. Fred Peck W4SPE, 3841 N.E. 2nd St., Ft. Lauderdale, FL 33306.

**FOR SALE:** Drake TR4 xcvr, AC-4 power supply, MS-4 speaker, instruction book \$475.00. W. S. Heston W4EKJ, 274 Tropic Dr., Lauderdale-by-the-Sea, FL 33308 Phone 305-565-1313.

It takes as much energy to wish as it does to plan. Salada.

**FOR SALE:** Beigha 48 foot fold-over tower \$190.00. F.O.B. HW-32 with d.c. supply \$100.00. Dick Long WA4JID, 780 NW 48th Terr., Plantation, FL 33315 Phone 367-2254.

**FOR SALE:** 70 foot tower, used. Ten foot sections with base plate, already down. Howard Morgan W4DUM, 5119 Roosevelt St., Hollywood, FL 33021.

**FOR SALE:** Have few spools of 16 gauge tinned stranded wire left. This wire is 105 deg. C, 600 V. computer grade appliance wire. 1450 foot spool only \$55.00. (3 1-3 cents per foot). Try to beat the price. Shipping wgt 80 lbs. Also have 26 gauge, solid, tinned, blue-yellow teflon insulated twisted pair, 1,000 to 1,100 foot spools only \$4.50 shipping wgt. 5 lbs. Larry Nurni WN4RZO, 707 Harth Dr., West Palm Beach, FL 33406 Phone 305-663-2971.

**FOR SALE:** Full sized 3 element Telrex 30 meter beam, disassembled. Instruction sheet. \$50.00. W. S. Heston W4EKJ, 274 Tropic Dr., Lauderdale-by-the-Sea, FL 33308 Phone 305-565-1313.

**WHY** spend a bundle to get on 6 meters? HE-45B only \$35.00, matching HE61A VFO \$10.00. Model 19 steel table for teletype \$50.00. Solid state rec. 36 TTY supply \$15.00. Unused Cathode ray 3BP1 tube unused \$4.95 all F.O.B. Ralph F. Coady W4BNI, 2903 Bay View Ave., Tampa, FL 33611.

Everyone should keep a mental wastebasket for disposing of what's not worth remembering. Salada.

**GALAXY GT-550**, vox, 25 kHz calibrator, a.c., SC-550 only \$335.00. RF-550 \$45.00. RV-550 \$60.00. All \$425 absolutely mint. Galaxy V Deluxe accessory Console, as new \$40.00. Galaxy 2000 linear \$150.00. Jim Ackerson K4PNJ, 6300 NW 25th Ct., Sunrise, FL 33313.

**FOR SALE OR TRADE:** Have excellent Miller 1 KW Matchbox \$85.00. Following package only: HW-12 and HW-32, mobile power supply and crystal calibrator, resonators and mast \$165.00. **WANTED:** NCX-3 with a.c. power supply. L. Reagan WB4RCL, 3006 Springdale Dr., Tallahassee, FL 32303 Phone 904-385-4517.

**FOR SALE:** Hammarlund HQ-170, mint \$125.00. Homebrew 500 W. linear W4B 57B and solid state power supply \$50.00. Ameco pre-amp with power supply \$10.00. Perry L. Ronig WA4ZKP, 1440 - 74th St. No., St. Petersburg, FL 33716.

**FOR SALE:** National NCX-500 with NCX-A speaker, power supply, both like new with XCU calibrator, which needs work \$375.00. R. A. Davidson WB4OAC, P. O. Box 587, Wildwood, FL 32705 Phone 748-1183.

**FOR SALE:** HAM-M rotor, like new \$80.00 plus shipping. Dick Keller, WB3GEH-4 4401 7th Ave. North, St. Petersburg, FL 33713 Phone 896-4467.

**FOR SALE:** HA-14 beath 1000 watt amp with a.c. supply \$100.00. HW-32, 20 meter rig with ac supply \$100.00. HO-10 monitor scope \$30.00. Collins S-Line, 78S1, 32S1, a.c. supply with speaker \$275.00. Henry 2-K \$325.00. Pick-up only or will meet you half-way by car. J. A. Anderson WB4RR-B, 448 Spadaro, Venice, FL 33596 Phone 465-1965.

**FOR SALE:** New, never used, Heath HW-16 novice transceiver. In unopened carton as returned from Heath Company after factory alignment. \$100.00 plus shipping or best offer. Clarence Mulligan W4NAV, 150 Coral Circle, South Daytona, FL 32019.

**WILL SWAP:** Motorola FMTRU 80D presently on 151.7 for Mosley TA-33 beam. Will swap General Electric presently on 43.40 for new TA-33. General Electric has mounting for transistor power supply and is 100 watt unit. Power supply must be furnished and rebuilt. All in GE case. Motorola lacks case, has vibrator power supply. A. T. Tidwell, Rte A-2 Box 185, Dannelton, FL 32630.

**QSTs**, and CQs \$1.50 for 12 issues, my choice plus postage. Some complete years. Need the space. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33146.

**NEW HAM-M's 800.** New Hy-Gain TH36-DXX (reg. 179.95) \$139. TH3MK3 (reg. 145) \$115. Hy-Quad (orig 129.95) \$104. **NEW GLADDING 25 FM transceivers** (25 WATTS OUTPUT) with XTALS for 34-75 and 34-94 (reg. 249.95) see our Nov. QST ad or call for our super low discount price. New Signal-ONE CX7A's \$219.5. Huge trades. Collins KW4A-1, \$165-1 ac and \$12B-2 speaker console (includes phone patch and directional watt meter, like new \$339.00 (like new) \$299. Swan 350C with 117XC AC p-a-ops, brand new condition, (latest production with left to right S meter) \$339. Swan 410C VFO \$69. Collins 30L-1, like new \$369.00. Eico 753 & AC \$139.00. **AMATEUR-WHOLESALE ELECTRONICS** 8617 S.W. 120 Terrace, Miami, Florida (305) 233-3631.

**WANTED:** Crank-up, 111 over tower 80 feet or higher. Will remove and pick up. Call or write Peter Austin WB4WYZ, 7155 SW 96th St., Miami, FL 33156 Phone 305-665-3316.

**FOR SALE:** 48 foot Robn, spaulding, self supporting tower (no guys needed) HAX-48 6 years old. Galvanized, is erect now, will take down for buyer \$70.00. L. Drescher, 3090 Chris Lane, WA4XWB Orlando, FL Phone 859-1129.

**WANTED:** Tilt over crank up tower 40 or 50 ft. Will not consider hinge base. Al Sulz, WB4AID, P. O. Box 1005, Lake Worth, FL 33460.

**FOR SALE:** Model SR-2000 transceiver with HA-20 and P-2000, model SX-71 receiver, model HT-18. Harvey Wells TBS-50, BC458A transmitter. Misc. equipment, Gotham 10-15-20 Quad new. Contact W4PAS, 1715 N. Oregon Cir., Tampa, FL 33612 Phone 813-635-4801.

**COLLINS 32V2 transmitter**, wired for RTTY, mint condition, manual \$135.00. Model 15 teletype with power, best offer. Win Morris K4GKL, 1774 Meadowood St., Sarasota, FL 33501 Phone 924-8108.

**ESTATE SALE:** SWAN 250 and supply, Peco G-30 sig gen., Heath SB-630 station control console, Mayerick 6 meter L-P filter, gavin Mayerick power ind., mike Turner 44C, DMR-13-base, stereo headset, James A. Morgan W4VLK, 5012 Perrine Dr., Jacksonville, FL 32216 Phone 771-3462.

**SELL:** Hallicrafters receiver SX146 \$185.00. HT-40 transmitter with Drake 1000-F filter \$65.00. Heath HQ-10 VFR with homebrew power \$32.00. Lafayette VTVM professional model new \$44.00. SWR bridge and EF power meter \$28.00. Semi automatic bug (Japan) \$10.00. Intercom a.c., used \$7.00. DC new \$2.00. **WANTED:** Good phone patch with volume indicator. Larry Garland WALIN, Box 636, Inverness, FL 33650. Phone 904 726-3625.

**FOR SALE:** Drake RV-4, mint condition \$70.00. S. Offendutter, 250 SW 45th Ave., Miami, FL 33134 Phone 443-7340.

**FROM ESTATE OF WA4YEN:** SWAN Cygnet model 270, complete with mike and instruction book, \$350.00. Johnson Matchbox \$40.00. Vibroplex paddie (Broken knob) \$12.00. Johnson SWR Bridge \$10.00. Globe 75A VFO with a.c. supply \$5.00. Globe Scout Deluxe with mike and book \$45.00. Electronic key "Dash Ditter" model HK-1 \$15.00. Schupson 350 meter VOM low lods \$12.00. Contact Mrs. Joyce W. W. 38th Place, Hialeah, FL Phone 821-9724.

**FOR SALE:** RTTY converter CV-57-ERR \$50.00. Bird 500 watt dummy load \$25.00. Motorola 2 meter 2 freq transmitter strip with 6145 final \$7.50. Motorola D43GGV dash mount 2 meter 12 volt mobile unit \$25.00. Norman Gerber W4ZRT, 860 NE 81st St., Miami, FL 33138 Phone 738-2888.

**FOR SALE:** 3 meter FM mobile and base ICE-1 on 94-94 and 34-75 works fine \$65.00. Hy-Gain 18AVQ trapped vertical 80-10 meter \$25.00. Midland 3-150 MHz dual SWR meter, \$13.00. H. S. Petris, K4PZT, 10226 Pan American Dr., Miami, FL 33157 Phone 272-1849.

**SALE SERVICE & COMPONENTS:** All types of amateur communications and audio equipment. Charles Wilkin WB4VNN & Norman Gerber W4ZRT. COMM-TECH COMMUNICATIONS, Inc., Suite 7, 8163 NE 2nd Ave., Miami, FL 33138 Phone 759-3024.

**FOR SALE:** Argonne AR-57 xtal mike \$1.00. Johnson 100 kHz calibrator with xtal and instructions \$9.00. Dual 6X5 steel, grey QSL file cabinet-holds about 2000 cards \$4.00. Collins transformers, chokes. What you need? Globe Chief 75 watt Novice rig \$50.00. Johnson flat-wire-type 2kw final tank coils, \$4.00 each. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 Phone 898-3874.

**IMPORTANT MESSAGE**  
Effective immediately our FLORIDA SKIP yearly subscription rate will be \$2.00 for one year only. We are discontinuing our offer of three (3) years for \$5.00.

## NAVY MARS

By Bonnie Wieholdt NOPJQ

A "Well Done" this month goes to Jim, NOEQW, who spent much time and labor repairing the 2 meter repeater which was issued the North Florida area. It is running fairly smoothly with only a few bugs remaining.

Since Daylight Savings Time has been discontinued for this year, all nets are now one hour earlier, local time. (Thus nets are remaining on GMT)

Jim, NOLNB, now gives his very helpful instructional lessons on Mondays instead of Saturdays.

Navy MARS is a very rewarding activity for people wishing to do a service to their servicemen who are protecting them. Anyone desiring additional information, please contact this station.

As the Holiday season approaches, I would like to wish everyone an enjoyable season and a very happy and prosperous New Year.

## FLA. DISTRICT 2 MARS

By William Budd, W4WDX

Fla. MARS District 2 picnic held at Highland Hammock State Park near Sebring on the 7th Nov. was a small success in that many of our members were unable to attend due to many unforeseen circumstances, but in general we accomplished some few things for the good of the outfit.

Our Directors main topic, in regard to MARS was to work on our Emergency Plan and to acquaint the net with those plans. At the present moment, the net members are busy studying the plan as shown in the Sept. 7th Newsletter and making suggestions for implementing these plans with ours. Our Director suggests that we mail our ideas to the Committee and then our special plans could be put in effect.

Our District was honored by the presence of several Fla. 1 members, A4GAR, Orlando and AD2WFW, Edgewater, and we were very pleased to have them.

Our latest applicant for membership in MARS is a lovely young blonde girl, and when ye scribe arrived at the picnic with her, confusion reigned, and the gathering of the Clax was complete. This young lady is surely going to be an asset, both in C.W. and fone. I'm sure that her fone voice is



going to wake up these old goats.

Our picnic dinner was most enjoyable, and the ladies did a wonderful job, ye scribe does appreciate the fact that the ladies took care to see that he was well and most abundantly (over-eated) fed, my grateful thanks.

## AIR FORCE MARS

By J. R. Hopkin Jr.  
WB4BND-AFC4BND

The only news of general interest I could come up with this month is, the RATT pack has now moved to 4591.5 KHz. While this is by far the best frequency they have had for after dark operations, there is no telling how it will work out as the winter propagation sets in. Frequencies at this time with the present sun spot cycle, it looks like both voice as well as RATT will want a frequency closer to the broadcast frequencies, as the MUF sinks lower. Those knowledgeable about MUF feel a 3 meg frequency is desirable for winter time after dark propagation during the next several years. So don't throw away any schematics you might have laying around the shack for antenna matching devices, as, most of us do not have the room necessary for full length antennas at the 3 meg frequencies.

If we are unable to obtain a useable frequency in this part of the spectrum, we may have to look elsewhere to pass our traffic. This brings up the previously discussed intra-state VHF link. Sunspot cycles do not effect VHF communications except for cutting down on the amount of skip openings via F2.



THE GATOR AMATEUR Radio Club at U. of Fla., Gainesville set up a rig and took traffic during Homecoming Week. W4DFU-4 operated by Jack J. Jackson, K4FAC, in background pounded out the traffic to WB4OMG Oct. 22 and 23rd. (Photo by K4TOJ.)

This would work to advantage for the passage of traffic locally. Six meter linkage is much closer to being a reality, due to a couple of reasons. For one, 2 meter repeaters are more complicated to build and maintain. For another, the only frequencies the Air Force has allocated for their use, has one below 144 megs and the other above 148 megs. This over 4 meg spread makes it difficult for optimum antenna tuning with a lack of efficiency the result. I know this has discouraged several groups who would like to put in a repeater. Anyone with ideas on how to overcome these problems please come forth there are a lot of people looking for you. If there is no other way to disseminate the info, this column will be glad to print it.

A final word of reminder about our upcoming busy period, the holiday traffic. During this brief period of much activity, it behooves us all to put forth the little extra effort.

## NAVY MARS SOUTH FLORIDA

By Jim Wilson, NOWCK

It is hoped that both North and South Florida will soon have their VHF-FM Repeater program in full operation. The

Sixth Naval MARS District has appointed a Coordinator for this specific program which has a great future. He is NOITK, Clearwater.

NOWCK has been appointed Frequency Usage Coordinator.

Very faithful checkins from various areas are—to mention just a few: Ft. Myers—NOKLW, QPJ, JGC, OPU; Miami—NOARJ, KXZ; QDP Melbourne, UYV Boca Raton, and SQB Lake Wales.

South Florida is proud to have its full slate of reps going aboard the District CW net for every night of the week.

The South Florida SSB traffic net meets on 4015 KHz at 2200 Z. Any Navmarcomars member is invited to check in. At the same time on 4008.5 KHz the All Florida CW traffic net is meeting and welcomes checkins.

We now also have a 2 Mc. CW net being established under the direction of NOXXR.

Skip conditions have been extremely troublesome on our 7 Mhz nets in the evening lately. Often one of our Puerto Rican members had to act as net control.

## — COMING EVENTS —

Miami Tropical Hamboree	Jan. 22-23
A.R.R.L. Set	Jan. 29-30
Boondock Swapfest Ft. Walton Beach	Mar. 19
Broward Auction Fest	Mar. 11

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